

WHAT IS CLAIMED IS:

1. An electronic module comprising:

an insulative housing;

at least one circuit board contained within said housing;

a plurality of connectors coupled to said circuit board, at least some of said connectors accessible through a surface of said housing;

at least one fuse electrically coupled to said circuit board; and

an insulative fuse door sealingly engaged to said housing and positionable with respect to said housing to provide access to said fuse from an exterior of said housing.
2. A module in accordance with claim 1 wherein said housing comprises a connector portion and a cover portion sealingly engaged to said connector portion.
3. A module in accordance with claim 1 wherein said housing comprises a plurality of integrally molded connector receptacles on one surface thereof.
4. A module in accordance with claim 1 wherein said connectors are configured to engage 0.64 GET terminal system connectors.
5. A module in accordance with Claim 1 further comprising a second circuit board contained in said housing.
6. A module in accordance with Claim 1 wherein said fuse door is curved on one side thereof.
7. A module in accordance with Claim 1 wherein said fuse door comprises an exterior surface, at least a portion of said exterior surface being concave.

8. A module in accordance with Claim 1 wherein said fuse door is removable from said housing.

9. A module in accordance with claim 1 wherein said housing comprises a connector portion and an opposite cover portion, said fuse access door engaged to said cover portion.

10. An electronic input/output module comprising:

an insulative housing having a plurality of integrally formed connector receptacles;

at least one printed circuit board contained within said housing;

a plurality of connectors coupled to said circuit board and extending into said connector receptacles;

at least one fuse electrically coupled to said circuit board; and

an insulative fuse door sealingly engaged to said housing and positionable to provide access to said fuse from an exterior of said housing.

11. An input/output module in accordance with claim 10 wherein said housing comprises a connector portion and a cover portion, said connector receptacles formed in said connector portion, said fuse door coupled to said cover portion.

12. An input/output module in accordance with claim 10 wherein said connectors are configured to mate with 0.64 GET terminal system connectors.

13. An input/output module in accordance with Claim 10 further comprising a second circuit board contained in said housing.

14. An input/output module in accordance with Claim 10 wherein said fuse door is curved on one side thereof.

15. An input/output module in accordance with Claim 10 wherein said fuse door comprises an exterior surface, at least a portion of said exterior surface being concave.

16. An input/output module in accordance with Claim 10 wherein said fuse door is removable from said housing.

17. An input/output module in accordance with Claim 10 wherein said housing comprises:

a first portion having a sealing groove;

a second portion having a sealing rim received in said groove; and

a seal member positioned in said groove and compressed by said rim.

18. An input/output module in accordance with Claim 10 wherein said fuse door comprises an outer perimeter and a seal member substantially coextensive with said outer perimeter.

19. An electronic control module comprising:

an insulative housing comprising a connector portion having a plurality of integrally formed connector receptacles, and a cover portion sealingly engaged to said connector portion opposite said connector portion;

at least one printed circuit board contained within said housing;

a plurality of connectors coupled to said circuit board and extending into said connector receptacles;

at least one fuse electrically connected to said circuit board; and

an insulative fuse door removably engaged to said cover portion, said fuse door having a seal providing a moisture proof barrier when said fuse door is attached to said housing.

20. A control module in accordance with claim 18 wherein said connectors are configured to mate with 0.64 GET terminal system connectors.

21. A control module in accordance with Claim 18 wherein one of said connector portion and said cover portion comprises a sealing groove, the other of said connector portion and said cover portion comprises a sealing rim, and said control module further comprising a seal member positioned in said groove and compressed by said rim when said cover portion is coupled to said connector portion.

22. A control module in accordance with Claim 19 wherein said fuse door comprises a recessed handle portion.